

Candy apple

The Newsletter of the South Jersey Apple Users Group

MAY 1989

**THIS MONTH'S MEETING ON
MAY 16TH....will be a report
on the Zip Chip**

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Club Notes

The Candy Apple is published for the members of the South Jersey Apple User's Group (SJAUG) and other computer clubs on an exchange basis. SJAUG is a non-profit organization devoted to the exchange of public domain information, ideas and the common interests of Apple Computer® users and is in no way affiliated with Apple Computers or any other commercial organization. The views expressed herein are the sole responsibility of each author and do not necessarily represent the views of SJAUG. Newsworthy material, classified advertisements, and any other Candy Apple related material should be mailed to the editor: Carol De Cuzzi, 112 Kipling Rd., Cherry Hill, NJ 08003.

Membership renewals and all other correspondence to the club should be addressed to:

SJAUG
P.O. Box 4273
Cherry Hill, NJ 08003

OFFICERS OF SJAUG

President	Bus Banks	267-3889
Vice President	Mike Nogan	854-6445
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Treasurer	Carol DeCuzzi	428-0621
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Book Librarian	Mike Nogan	854-6445
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	P. Mark Wannop	365-1776

SPECIAL INTEREST GROUPS

Classic Apple SIG	Mike Nogan	854-6445
11GS SIG	Bob Bobik	778-2105
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SJAUG APPLELINE, the SJAUG BBS		424-1382

TELEPHONE TUTORS

APPLEWORKS		
Bev Darkatash (daytime M-F)		365-5821
PROGRAMMING		
Ethel Graham		662-0879
Ryan MacMichael (BASIC 4-8 pm)		654-9346
TECHNICAL HELP		
Ed Gaugler		424-5547
Anyone willing to volunteer help in their particular area of expertise, please contact the editor.		

I started to write about the problems the club is still facing again but I think everyone knows what they are and that they have not been resolved. Instead I would like to write about a very positive action that the club helped with. A few months ago I received a request to provide a used computer to the Cooper Hospital's children's department. After advertizing for one in the CandyApple, Ethel Graham provided an Apple II+. Mark Wannop checked it out and made sure that everything was in working order. He also researched our disk library for public domain disks that the club could provide. At the last meeting it was my great honor to present this system, on behalf of the club, to Judy Strassman. Judy, who works with the children at the hospital, discussed how the computer would be used and how much she felt that this gift would mean to the children that are in the hospital for long periods. I would like to say a very special "THANK YOU" to Ethel and Mark for time and effort. I don't want anyone to think this is the end, because I'm hoping that this is just a beginning of some long term support we can provide to the hospital. So I'm asking again if you have a computer system or original software with documentation you're not using and don't want, please get in touch with me. The Children's ward is a good place for them.

Bev Darkatash gave us a very interesting program on AppleWorks. She is also interested in helping to form an AppleWorks SIG. If you're interested please contact her.

This month's program will be about the Zip Chip. This chip, which works in most of the Classic Apples, greatly increases the memory operations. To find out all about it come and listen to Steve Opfermann.

Notes continued

In closing I would like to leave you with the reminder that thunder storms are now appearing in the area on a regular basis. I would strongly suggest if you're not using your computer---unplug it. Nearby lighting strikes may fry it, even if it is off. This has happened to a number of club members over the years, so take warning.

See you at the meeting.

Gus Banks

CALENDAR

MAY

- 20 PACS at LaSalle College
- 19 Main meeting SJAUG 7:30
- 24 IIGS SIG
- 25 Classic Apple and beginner Mac SIGs

June

- 2 Candy Apple deadline
- 9 Executive Board meeting
- 16 Main meeting SJAUG 7:30
- 17 PACS at LaSalle College
- 21 IIGS SIG
- 22 Beginner Mac and Classic Apple SIGs

Meetings begin at 7:30pm unless otherwise announced. SIG meeting locations and other information are available by calling the numbers listed in the SIG box on page 2. Map to the Main Meeting, at the Cherry Hill Municipal Building, is on the back cover.

MEMBERSHIP CARDS

Any paid up members who have not received their membership cards should see Carol or Pete De Cuzzi at the regular meeting.

WHAT IS OUT THERE AND HOW CAN I GET IT? Ethel Graham

What do IIGs people want? More pictures and sound files, fonts and desk accessories, that's what they want. I've been exploring the public domain software that goes beyond our present 20 disk library and found more songs than anyone could ever use, more pictures than thought possible and even a few games.

Mean 18 gets meaner. I found at least four disks of new Mean 18 scenes. How can you play without Bugaboo, Calcutta, Autumn, Beach 1, 2 or 3, and Burrfoot?

For font fanatics there are new fonts, but it takes time to discern which ones are new. There are the games Solitaire, Wheel of Fortune, Dazzler.GS. There is a utility disk with a file called Launchbox, among others.

Cheappaint is just what it says, a no-frills paint program that's fun to use. There is a Paint816 demo with good pictures.

If you read Mike Wogan's description of ECP8, I found a disk that has that and ECP16, complete with tutorials.

The IIGs sig has 21 disks ready now, and these new disks are being prepared. They can be purchased at any meeting.

"PRINT SHOP" DISK-OF-THE-MONTH Mark Wannop

The Print Shop support Disk-Of-the-Month is another disk of graphics; 82 pictures for Print Shop are on this disk. Included are an excellent bulldog, Mickey Mouse in his "Sorcerer's Apprentice" outfit, Gizmo, Corn, Atom Bomb (!), and a wide range of others.

The AppleWorks disk for May is SuperPatch, version 3.1.

This is a new version of SuperPatch, released in January of this year. It works with versions 2.0 or 2.1 of AppleWorks (but not earlier versions), corrects a couple of bugs in earlier versions of SuperPatch, and contains 30 patches. The program automatically recognizes which version of AppleWorks is to be patched, so there is no need for two versions. When the program is run, it "analyzes" your version of AppleWorks and reports on any patches already in place. You install each patch by selecting your choice with letter from one of five menus. Except for the cursor blink rate and desktop sizing, each menu selection is a toggle. That is, if the patch is already installed, selecting it again will uninstall it. Before installing any patch, the program will first analyze the area to be changed for "factory fresh" code. If it doesn't find it, the patch will not be made. This is handy, for example, if your program has already got some other patches installed. It will patch AppleWorks which has PinPoint or Beagle Brothers macro programs already installed. The patches are as follows:

- No spacebar on bootup (if run from 800K or larger drive).
- No Return needed after date (or reads clock automatically, if you have one).
- Overstrike instead of Insert cursor in WP on boot-up.
- Allows entry of "@ into printer codes (v. 2.0).
- Change insert cursor to flashing solid apple.
- Eliminate NDA loading bug (v. 2.0).
- Eliminate expansion card pre-loading (if run from ROM or RAM disk).
- Change error tone to beep.
- Change cursor blink rate.

- Continuous display of desktop space (in place of "OA-?" in lower right corner).
- Checkmark instead of arrow when menu item selected.
- Checkmark instead of arrow when file selected.
- No return after number to select menu item (operation of cursor bar is unchanged).
- Limit desktop size on slinky-type RAM card (leaves room for other files).
- Print up to 255 copies in WP, DB, or SS.
- Four printer patches.
- Allow up to 116 files in a sub-directory.
- Change carriage return character in WP to bent-arrow.
- Retain cursor position when WP file is loaded (caution - this one may cause problems).
- Prevent extra carriage return when printing ASCII files.
- Eliminate extra space in TXT files.
- Double underline column titles in DB reports.
- Change column overflow character in SS to # or vertical bar.
- Blank cells instead of "NA" in SS.
- Change "carefully" to "carelessly" (my favorite patch).
- Don't mark file "changed" if it was merely printed.
- Print half-height sub/super-script (Imagewriter only).

The single-sided disk comes with the program itself and a 35K word-processor documentation file. John Link, who put the program together, suggests that you read the documentation before running the program, since a lot of the text, prompting the user, has been removed from this version.

Book: Programmer's Introduction to the Apple IIgs
Publisher: Addison-Wesley
Date of Review: April 16, 1989
Reviewer: Ethel Graham

This book is one of a series written for Apple IIgs users. Some of the other books in this series are Technical Introduction to the IIgs; Apple IIgs Hardware Reference; Apple IIgs Firmware Reference; Apple IIgs Toolbox References I and II; and ProDOS 16 Reference. The Programmer's Introduction provides concepts and guidelines for programming on the IIgs. It provides programmers an introduction to the desktop interface, including calls to the Toolbox, programming with windows, menus, and the mouse. It includes a sample event-driven program.

The book follows the standard approach to this machine. It first describes the hardware design and features, e.g., digital sound, the 65816 processor, expansion slots, and QuickDraw. Other chapters cover the desktop environment, the Toolbox system, the Control Panel and memory management. One chapter discusses the shell environment and what type of program to write. Another chapter describes how to convert Mac programs to the IIgs. There is the ubiquitous Hodge-Podge program given in three different formats, ASM, C and Pascal. This is a useful feature, since sections of code can be directly compared.

The book will be of interest to those users who are involved in programming and who already own an assembler for this purpose. Those who own Apple Programmer's Workshop (APW) will find this format very clear. Those who have Merlin or Orca will have to work around it. The lessons are clearly written and contain the details that are absolutely necessary to perform the task of programming in the 65816

world. The text is meticulously prepared and the illustrations are a model of careful work. There is none of the cutesy style that marked the early period of the Apple II.

I felt that the heavy use of Pascal was unwarranted, however, even though Pascal is easy to understand. Most people use APW source files or some form of Merlin and would probably appreciate a more generous use of files in APW format. The book is, nevertheless, a valuable addition to the library of serious Apple IIgs programmers and anyone who really wants to know more about 65816 programming.

Library Notes

The Programmer's Introduction to the Apple IIgs, which is a guide to programming in assembly, Pascal, or C on the 65816, has been added to the book library. The book is reviewed by Ethel Graham elsewhere in this month's Candy Apple.

There will be no book library at the JUNE meeting. If you have books checked out from the library, please return them at the May meeting. If you check out books at the May meeting, please plan on returning them in July.

Thanks to Mark Wannop for donations to the Club book library. We have a limited budget to spend on books, and donations are always welcome.

Candy apple

"REGULAR" DISK-OF-THE-MONTH ECM8
Mark Wannop

The "regular" Disk-Of-the-Month for May will be the Extended Command Processor 8 (ECM8) for ProDOS 8. This is the shareware version of the program: upon remitting a \$25 registration fee to the programmer, a fuller version of the program will be sent to the user, along with over 50 pages of in-depth documentation, including a user's guide for the non-programmer as well as a tech reference for the assembly or C programmer who would like to extend this package further on his or her own.

The shareware version of ECM8 is much more than a simple demo: the functions included here can be very useful to the ProDOS user, since it extends the range of available commands to include several that are similar to some found in MS-DOS. For example, there is a TYPE command that will send a text file to the designated output device: the device may be the screen, or whatever device is resident in slot one of your computer (usually the location for the printer interface card). This is toggled by using the <CTRL-P> and <OUTPUT> commands. The new commands support use of BATCH files, with commands like ECHO and NOECHO. If your 80 column card has softswitch capability (Ile and Ilc circuitry does, as does the Franklin/PCPI card and some Videx cards), the commands COL40 and COL80 will toggle it on and off. The command BOOT will boot whatever disk is in a specified slot (slot 6, drive one is default). Also, a more user-friendly QUIT is available.

And, as they say, that ain't all, folks...

The short documentation file on the disk will get you started, but to really use the program (until you register and get the full manuals, that is) you will have to

look at the files available with the HELP option. When you boot the disk, you will be given some introductory info and a list of new commands. To find out about these commands, type HELP (command) or ? (command); if the command is supported by the shareware version (most are) a short description will come on the screen. Typing HELP or ? with no command after it will give the list of commands. Take the time to look around, as you'll find that some interesting things are possible!

The doc file will tell you to add BASIC.SYSTEM to the CMDS subdirectory and rename it BASIC; I've already done this on copies to be released to club members. To run a BASIC program, just type its name; likewise, to run system, binary, or batch programs - or an external command - just type the name and press <ENTER>.

ECP8 runs on any 64K or 128K Apple II series machine or compatible that supports ProDOS 8. The author indicates that he is working on an ECP16 program for the IIgs.

Expiration of Membership

Please note the date to the right of your name on the mailing label. This is the date of expiration of your current membership. You may renew your membership by mail or at the main meeting. When you are due to renew, we enclose a renewal application in your copy of the Candy Apple. Your new membership card can be picked up at the next regular meeting, or will be included in the next Candy Apple, if possible. Thank you.



May 1989

In Tongues

USING UNBOOTABLE ProDOS DISKS

As promised, this month we'll discuss how to use disks that must run under ProDOS and that do not have an operating system on the disk.

But first, a short review. Apple has always protected ProDOS, its current operating system, for the Apple II series of computers. Unlike its attitude toward DOS 3.3, Apple has never looked the other way when anyone tried an unauthorized use of that operating system. And recently, it has begun making noises about enforcing its dictum even for disks distributed by Apple clubs. So our board has directed that all disks in our library, usable under ProDOS, shall be sold without an operating system.

So how does one use such a disk? Very easily, if you own a copy of ProDOS, but not at all otherwise. Yes, you must have your own copy of ProDOS. And you must have a machine with a full 64K of memory.

Now ProDOS, unlike DOS 3.3, requires pathnames. That is, the name of the program to be run must be preceded by the name of directory and subdirectory chains that lead to that program. So, to execute a program on an unbootable disk, you must be able to determine the pathname. For a system containing only one disk drive, proceed as follows:

Boot your ProDOS system, and type '-filer'. This brings in the Filer utility. Select 'Volume Operations'. Now select the 'List Volumes' option. But before hitting the Return key, swap your ProDOS disk for the new disk that contains programs that must run under ProDOS, but does not contain an Operating System.

The Filer program will examine your disk and tell you the name of the top level directory on that disk. For discussion

purposes, let's say that the directory's name is /APPLE.

Now hit the escape key to get back to the original menu, and select 'File Commands'. From the next menu select 'Catalog', and when asked for the pathname, type in /APPLE, the name you obtained from the last step.

You will now have displayed on your screen a list of the files on that disk. Make a list of them somewhere, so that you can select the ones you want to run. Let's say for example that you find two files you want to run, named Alpha and Beta.

Now replace the ProDOS disk in the disk drive, hit ESC to get back to the main menu, and select 'QUIT'. You will be asked for the pathname of a program to execute, but will be given a default option of 'BASIC.SYSTEM'. Take the default by hitting the Return key. You should now have your familiar 'J' displayed on the screen.

At this point, to run Alpha, type -/APPLE/ALPHA, but before hitting the carriage return, swap disks again, so that the unbootable disk is now in the drive. Your program should execute as intended.

If you have a two-disk system, proceed as above, but use the second disk drive to hold the unbootable disk. In this case, the primary directory name of both disks will be returned to you, together with an indication of which drive contains which disk. Make sure that the disks have different names, or else confusion will result when you try to run. You can do this by using the RENAME command under Filer. From there proceed as above. The system will scan both disks, searching for the right pathname, and the program should execute.

This column is already too long, so I'll save for next month the technique of creating a disk with a ProDOS operating system, which is bootable.

-WM Carey

NEW CLUB DISK PRICES

5 1/4 3.5

Member Prices

Disk of the Month	\$3	\$4
Apple License Disk	\$3	\$4
Library Disk	\$4	\$5

Non-Member

All Disks	\$7	\$7
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Each member will be required to show his/her membership card prior to purchase. Individuals unable to verify membership will be charged the Non-member price.

HELP !!! THIS
MAY BE THE LAST
ISSUE OF THE
CANDYAPPLE NO
VOLUNTEERS TO
HELP OR TAKE ON
THE EDITORSHIP
MAY MEAN WE NOW
USE A POSTCARD OR
A ONE PAGE
STATEMENT WITH A
MAP OF THE NEW
MEETING PLACE
!!!!!!

Due to my electronic
difficulties, Bill Carey's
new article is in atoms
somewhere. The above is a
reprint. Carol De Cuyzi

Meeting Place Update

Even after making repeated appeals to the Cherry Hill Township Council, we have lost the use of the community room where we have been meeting for the past 10 years.

Resolution 89-1-29 was passed amending resolution 86-3-4 which adopted rules and regulations regarding the use of the community center, a public building. Excerpts follow:

Whereas, it is now necessary to amend the .. Rules & Regulations .. of 03/10/86 regarding use as this privilege has been abused by various groups;

NOW,..BE IT RESOLVED,..

The C. H. Community Center will be available to organizations of a non-profit or charitable nature whose base is in Cherry Hill and whose function is for the benefit of Cherry Hill residents. To qualify, the majority of the organizations membership shall be current Cherry Hill residents, and the application for use must be made to the Township Clerk with a \$100 deposit for possible damages to the premises or custodial clean-up services at the rate of \$25 per hour which will be deducted from the deposit. The application MUST be signed by 5 C. H. residents who will be responsible for the organization.

Kitchen facilities are available by special request: \$50 to serve coffee, tea, non-alcoholic beverages and pastry. \$100 to serve coffee, tea non-alcoholic beverages and other foods.

All organizations will produce with the completed application, a copy of their liability insurance policy indemnifying the Township and showing Cherry Hill Township as an additional insured for a minimum amount of \$1,000,000.00.

As of this writing, we have made contact with Voorhees Township and

made arrangements to hold our meetings in their community center for the next 12 months. Map and directions will be in the next mailing.

Professional Copying Service has been quick, economical, good quality and extremely nice to deal with, we thank them very much and highly recommend them to our members.

Newsletters are temporarily at an end.





Map to Main Station
 3rd Floor of the building at 7:30 pm

At the time of the meeting the police station was

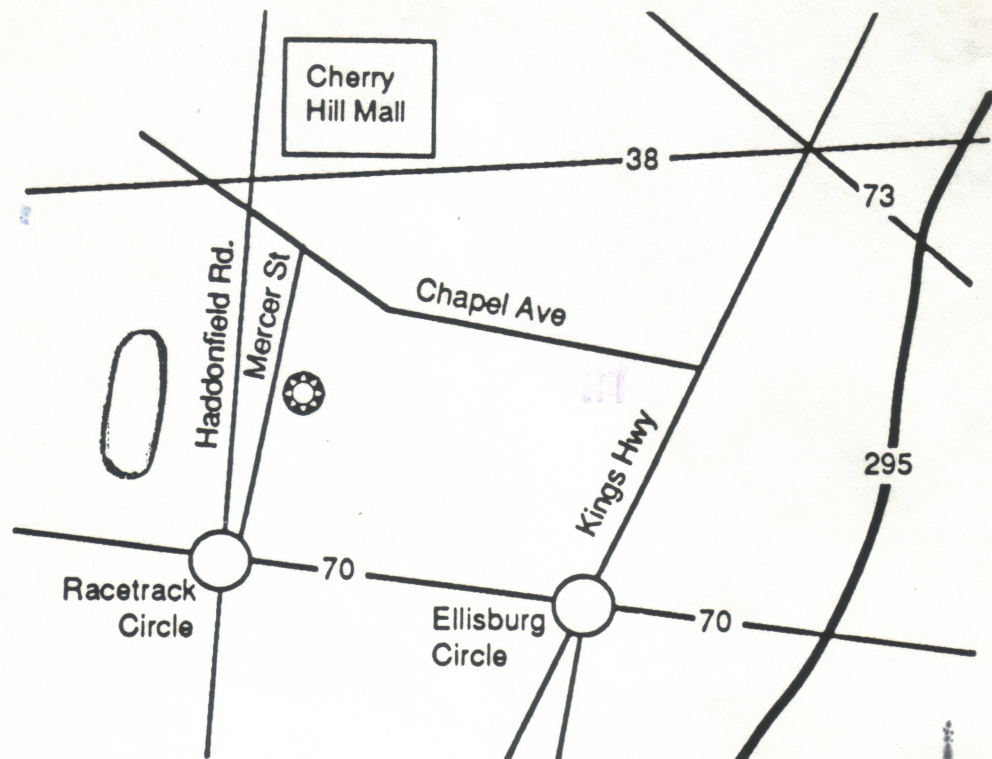


DO NOT
 WITH

Cherry Hill NJ 08003
 R.O. Box 623
 Cherry Hill, N.J.

10000

Cherry Hill, N.J.



Map to Main Meeting

3rd Friday of the month at 7:30 pm

At the Municipal Building next to the police station on
Mercer Street in Cherry Hill



Candy Apple
P.O. Box 4273
Cherry Hill, NJ 08003